

In the Claims:

1. A system for protecting against interleaving transactions, comprising:
means for receiving a first resource enlistment request from a resource in a first thread;

means for receiving a second resource enlistment request from the resource in a second thread, the second enlistment request received after the first enlistment request is received; and

means for performing a block on the second resource enlistment request.
2. A computer-readable medium, comprising:
means for receiving a first resource enlistment request from a resource in a first thread;

means for receiving a second resource enlistment request from the resource in a second thread, the second enlistment request received after the first enlistment request is received; and

means for performing a block on the second resource enlistment request.
3. A computer system comprising: a processor;
object code executed by said processor, said object code configured to:
receive a first resource enlistment request from a resource in a first thread;

receive a second resource enlistment request from the resource in a second thread,
the second enlistment request received after the first enlistment request is received; and

perform a block on the second resource enlistment request.
4. A computer data signal embodied in a transmission medium, comprising:

a code segment including instructions to receive a first resource enlistment request from a resource in a first thread;

a code segment including instructions to receive a second resource enlistment request from the resource in a second thread, the second enlistment request received after the first enlistment request is received; and

a code segment including instructions to perform a block on the second resource enlistment request.

5. A computer program product for execution by a server computer for protecting against interleaving transactions, comprising:

computer code for receiving a first resource enlistment request from a resource in a first thread;

computer code for receiving a second resource enlistment request from the resource in a second thread, the second enlistment request received after the first enlistment request is received; and

computer code for performing a block on the second resource enlistment request.

6. The computer program product of claim 5, further comprising:

computer code for initiating an end method on the first resource in the first thread;
and

computer code for removing the block on the second resource enlistment request in the second thread.

7. The computer program product of claim 6, further comprising:

computer code for initiating a start method on the first resource;

computer code for receiving a first resource delistment request from the first resource;

computer code for initiating an end method on the first resource.

8. The computer program product of claim 5 wherein computer code for receiving a first resource enlistment request from a resource in a first thread includes:

computer code for receiving a first resource enlistment request from a resource in a first thread over an XA protocol interface.

9. The computer program product of claim 5 wherein the first resource enlistment request includes a first transaction identification.

10. The computer program product of claim 7 wherein the first resource delistment request includes a first transaction identification.

11. The computer program product of claim 5 wherein computer code for performing a block on the second resource enlistment request includes:

computer code for using Java monitor to block enlistment requests to the resource.